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**(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER**Page 1 of 1Attachment to **Z-14980/83**  
**NPIC/PEG (9/83)**Copy 32**NONACOUSTIC ASW MODIFIED CUB**  
**PETROPAVLOVSK/YELIZOVO AIRFIELD, USSR**

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1. **SIGNIFICANCE:** A CUB TRANSPORT MODIFIED TO CARRY PROBABLE NONACOUSTIC ANTISUBMARINE WARFARE (ASW) SENSORS IS SEEN HERE. (SWN)

2. **REMARKS:** ONE CUB [REDACTED], WHICH HAS BEEN MODIFIED TO CARRY PROBABLE NONACOUSTIC ASW SENSORS, IS AT THIS AIRFIELD. THE CUB HAS A TAIL EXTENSION, A POD ON THE RIGHT SIDE OF THE FUSELAGE FORWARD OF THE WING LEADING EDGE, AND FOUR SMALL PROTRUSIONS (POSSIBLY ANTENNAS) ON THE LEFT SIDE OF THE FUSELAGE FORWARD OF THE WING LEADING EDGE. A CUB WAS PARKED ON THE SAME HARDSTAND [REDACTED] BUT IMAGE QUALITY PRECLUDED IDENTIFICATION OF MODIFICATIONS. CUB [REDACTED] WAS LAST OBSERVED AT PETROPAVLOVSK/YELIZOVO IN JULY AND AUGUST 1982 IN COMPANY WITH A MODIFIED COOT [REDACTED], WHICH ALSO CONDUCTED NONACOUSTIC ASW TESTS IN THE NORTH FLEET AND BLACK SEA FLEET AREAS IN 1982. (SWN)

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THIS AIRCRAFT HAS PROBABLY DEPLOYED FROM ITS HOME BASE OF MOSCOW/ORLOVO AIRFIELD [REDACTED] WHERE IT HAS BEEN SEEN WITH ANOTHER CUB [REDACTED], WHICH HAS BEEN MODIFIED WITH A SIMILAR TAIL EXTENSION BUT WHICH ALSO HAS A NOSE EXTENSION FOR A PROBABLE SIDEKICK SIDE LOOKING AIRBORNE RADAR (SLAR). NONACOUSTIC ASW TECHNIQUES SUCH AS USING SLAR IN AN AIRBORNE OR SPACEBORNE PLATFORM CAN BE USED TO SEARCH BROAD AREAS OF OCEAN MUCH FASTER THAN TRADITIONAL ACOUSTIC TECHNIQUES. (SWN)

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PETROPAVLOVSK/YELIZOVO AIRFIELD SUPPORTS A BADGER RECONNAISSANCE SQUADRON AND A MAIL ASW SQUADRON SUBORDINATE TO THE PACIFIC FLEET AIR FORCE. (SWN)

3. [REDACTED] COORDINATES 53-10-13N 158-27-12E

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**WARNING NOTICE**  
Intelligence Sources  
and Methods Involved

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